| Inde | x of | Clain | าร |
|------|------|-------|----|
|      |      |       |    |

| App | licatio | n/Contro | l No. |
|-----|---------|----------|-------|

10/667,499

Examiner

Manish S. Shah

Applicant(s)/Patent under Reexamination

CHOI ET AL.

Art Unit

2853

| √ | Rejected  |
|---|-----------|
| _ | Allassead |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| 2 | Non-Elected  |
|---|--------------|
|   | Interference |

| 4 | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | im                         | Γ   |                |  | Г            | Date         |  |              |              |   | ĺ |
|-------|----------------------------|---|----------------|--|--------------|--------------|--|--------------|--------------|---|---|
|       |                            | -   | <u> </u>       | Г  | _            | <u> </u>     | ř-   |              |              |   |   |
| Final | Original                   | 3/15/06   |                |  |              |              |  |              |              |   |   |
|       | 1                          | 1   | _              |  |              |              |  |              |              |   |   |
|       | 1<br>2<br>3<br>4           | \<br>\<br>\<br>\<br>\<br>\<br>\<br>\  |                |  |              |              |  |              |              |   |   |
|       | 3                          | 1   |                |  |              |              |  |              |              |   |   |
|       | 4                          | 1   |                |  |              |              |  |              |              |   |   |
|       | 5<br>6<br>7                | 1   |                |  |              |              |  |              |              |   |   |
|       | 6                          |   | <u> </u>       |  | L            | <u> </u>     | _  | <u> </u>     |              |   |   |
|       |                            | 1   | ļ              |  | _            | <u>_</u>     | _  |              |              |   |   |
|       | 8                          | 1   | ļ              | <u> </u>   | <u> </u>     |              | <u> _</u>  | <u> </u>     | _            | _   |   |
|       | 9                          |   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u> _                                       | <u> </u>     | _            | _   |   |
|       | 10                         | 1   | <u> </u>       |  | <del> </del> | _            |  | <u> </u>     | <u> </u>     | _   |   |
|       | 11                         | 1   | <del> </del> — | _  | -            | ├—           |  | <u> </u>     | -            | -   |   |
|       | 12                         |   | -              | <del> </del>                                     |              |              | $\vdash$   | -            | $\vdash$     | -   |   |
|       | 13                         |   | -              | $\vdash$   | ⊢            | -            | $\vdash$   | -            | -            | $\vdash$  |   |
|       | 11<br>12<br>13<br>14<br>15 | $\vdash$  | $\vdash$       | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$   | -            | H            | <del> </del>  |   |
|       | 16                         | $\vdash$  | -              | -  | ├─           | ├            |  | <del> </del> | -            |   |   |
|       | 16<br>17                   | <del>                                     </del>  | $\vdash$       | -  | $\vdash$     | $\vdash$     | $\vdash$   |              | $\vdash$     | $\vdash$  |   |
|       | 18                         | $\vdash$  | $\vdash$       | H  | $\vdash$     | $\vdash$     | $\vdash$   | H            | H            | $\vdash$  |   |
|       | 19                         | $\vdash$  | $\vdash$       | -  | _            | <del> </del> | <del>                                     </del> | ┢            |              |   |   |
|       | 20                         | $\vdash$  | -              | <del>                                     </del> | ┢            |              |  | _            |              | -   |   |
|       | 21                         | <del>                                     </del>  | Г              | <u> </u>   |              |              |  |              |              |   |   |
|       | 21<br>22<br>23             |   |                |  |              | Ī            |  |              |              |   |   |
|       | 23                         |   |                |  |              | L            |  |              |              |   |   |
|       | 24<br>25                   |   |                |  |              |              |  |              |              |   |   |
|       | 25                         |   |                |  |              |              |  |              |              |   |   |
|       | 26                         | L.  | Ĺ              | L  | L            |              |  | <u> </u>     | L            |   |   |
|       | 27                         | _   | _              | <u> </u>   | <u> </u>     |              | _  | <u> </u>     |              | _   |   |
|       | 28                         | _   | <u> </u>       | <u> </u>   | <u> </u>     | <u> </u>     |  | ļ            | <u> </u>     |   |   |
|       | 29                         | <u> </u>  | <u> </u>       | <u> </u>   | _            | <u> </u>     | _  | _            | _            | <u> </u>  | l |
|       | 30                         | $\vdash$  | $\vdash$       | $\vdash$   | $\vdash$     | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>  |   |
|       | 31                         | $\vdash$  | -              | $\vdash$   | -            | ├            |  | -            | <u> </u>     | <del>                                     </del>  | l |
|       | 32<br>33                   |   | _              | ⊢  | -            | $\vdash$     |  | ├-           | -            |   |   |
|       | 34                         |   | -              | ⊢  | -            |              |  | -            |              | -   |   |
|       | 35                         | ├─  | <del> </del>   | $\vdash$   | -            | -            | -  | $\vdash$     | $\vdash$     | $\vdash$  |   |
|       | 36                         | ├   | -              | <del>                                     </del> | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$     | <u> </u>  |   |
|       | 37                         | $\vdash$  | $\vdash$       | H  | -            | $\vdash$     | -  | -            | <del> </del> |   |   |
|       | 38                         |   |                | $\vdash$   |              |              | _  | $\vdash$     | $\vdash$     | $\vdash$  |   |
|       | 39                         |   |                | 一  | Т            | Т            | Г  | _            | Г            |   |   |
|       | 40                         | Ι_  | Г              | Г  |              | Г            |  | l -          | <u> </u>     |   |   |
|       | 41                         |   |                |  |              |              |  |              |              |   |   |
|       | 42                         |   |                |  |              |              |  |              |              |   |   |
|       | 43                         |   |                |  |              |              |  |              |              |   |   |
|       | 44                         | L   |                |  | 匚            |              |  |              | $\Box$       |   |   |
|       | 45                         | <u> </u>  |                |  |              |              |  |              |              |   |   |
|       | 46                         | <u> </u>  | L              | <u> </u>   | Ŀ            | L_           | <u> </u>   | <u>L</u> .   | ļ            |   |   |
|       | 47                         | <u> </u>  | $\vdash$       | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>     | L.           | _   |   |
|       | 48                         | <u> </u>  | _              | <u> </u>   | <u> </u>     | <u>L</u>     | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>  |   |
|       | 49                         | -   | <u> </u>       | <u> </u>   | ├            | $\vdash$     | _  | ├-           | _            | <u> </u>  |   |
|       | 50                         | $ldsymbol{ld}}}}}}$ |                | Щ.   | L            | L_           |  | L            | Щ            | $ldsymbol{ld}}}}}}$ | ı |

| Cla      | aim            | Date   |          |          |          |          |                  |              |          |          |
|----------|----------------|--|----------|----------|----------|----------|------------------|--------------|----------|----------|
| Final    | Original       |  |          |          |          |          |                  |              |          |          |
| -        | 51             |  |          | -        |          |          |                  |              |          |          |
|          | 52             |  |          |          |          |          |                  |              |          |          |
|          | 53             |  |          |          |          |          |                  |              |          |          |
| <b>—</b> | 54             | Н  |          |          |          | _        |                  |              |          |          |
| -        | 55             |  | -        | -        | _        |          |                  | -            | _        |          |
| $\vdash$ | 56             | H  |          | _        |          |          | _                | -            | _        |          |
| <b>-</b> |                |  |          |          |          |          |                  |              |          |          |
|          | 57             | H  |          |          |          |          |                  |              |          |          |
| -        | 58             | -  |          |          |          |          |                  |              | _        |          |
|          | 59             |  |          | _        |          |          |                  |              |          |          |
|          | 60             | _  |          | _        |          |          |                  |              | _        |          |
| ļ        | 61             |  | _        | _        |          |          |                  |              |          |          |
|          | 62             | _  | Щ.       | <u> </u> | _        |          | L                | <u> </u>     |          |          |
| $\vdash$ | 63             | Ш  | Ш        | $\vdash$ | ر_       |          |                  | Щ            |          |          |
| ļ        | 64             |  | Ш        | L.       |          |          | Ш                |              |          |          |
|          | 65             |  |          | _        |          |          |                  |              |          |          |
|          | 66<br>67       |  |          |          |          |          |                  |              |          |          |
|          | 67             |  |          |          |          |          |                  |              |          |          |
|          | 68             |  |          |          |          |          |                  |              |          |          |
|          | 69             |  |          |          |          |          |                  |              |          |          |
|          | 70             |  |          |          |          |          |                  |              |          |          |
|          | 71             |  |          |          |          |          |                  |              |          |          |
|          | 72             |  |          |          |          |          |                  |              |          |          |
|          | 71<br>72<br>73 |  |          |          |          |          |                  |              |          |          |
|          | 74             |  |          |          |          |          |                  |              |          |          |
|          | 74<br>75       |  |          |          |          |          |                  |              |          |          |
|          | 76             |  |          |          |          |          |                  |              |          |          |
|          | 77             |  |          |          |          |          |                  |              |          |          |
|          | 78             |  |          |          |          |          |                  |              |          |          |
|          | 79             |  |          |          |          |          |                  |              |          |          |
|          | 80             |  |          |          |          |          |                  |              |          |          |
|          | 81             |  | _        |          |          | _        |                  |              |          | _        |
|          | 82             |  |          |          |          |          |                  |              |          |          |
|          | 83             | Г  | -        | <u> </u> | П        |          | Г                |              | П        | Г        |
| -        | 84             |  |          | <b></b>  |          |          |                  |              | <b>—</b> |          |
|          | 85             |  |          | $\Box$   |          |          |                  |              | Н        |          |
|          | 86             | H  | Н        |          | m        | т        | П                | m            | Н        |          |
|          | 87             | -  |          | -        | -        |          |                  |              | $\vdash$ |          |
|          | 88             | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | -        |                  | Н            | $\vdash$ | _        |
|          | 89             |  | _        |          | Н        |          | -                | _            | $\vdash$ | $\vdash$ |
| -        | 90             |  |          | H        | H        |          | Н                | -            | -        |          |
|          | 91             | Т  | Н        | $\vdash$ | $\vdash$ |          |                  |              | Н        | $\vdash$ |
| -        | 92             | $\vdash$   |          |          | $\vdash$ |          | -                | _            | $\vdash$ | Т        |
| _        | 93             | Н  | _        | $\vdash$ | $\vdash$ | _        |                  | <del></del>  | $\vdash$ | Т        |
|          | 94             | -  | -        |          |          |          |                  | <del> </del> | $\vdash$ | $\vdash$ |
| -        | 95             | $\vdash$   | $\vdash$ |          | $\vdash$ | -        | -                |              | $\vdash$ | -        |
| 1        | 96             | $\vdash$   |          |          |          | Н        |                  |              | ┢        | Η-       |
|          | 97             | <del>                                     </del> | $\vdash$ |          | $\vdash$ | $\vdash$ |                  | $\vdash$     | $\vdash$ | $\vdash$ |
| -        | 98             | -  | _        | <u> </u> | -        | -        | -                | _            | $\vdash$ | H        |
|          | 99             | $\vdash$   | _        | $\vdash$ | $\vdash$ | $\vdash$ | <del>  -  </del> | $\vdash$     | -        | -        |
| 1-       | 199            | ١  | <u> </u> | <u> </u> | <b>-</b> | Щ.       | <u> </u>         | <u> </u>     | <u> </u> | ⊢        |

100

| 01    | nim  |              |          |  |  | 704      |  |              |              | _        |
|-------|--|--------------|----------|--|--|----------|--|--------------|--------------|----------|
| Cla   | aim  | Date         |          |  |  |          |  |              |              |          |
| Final | Original   |              |          |  |  |          |  |              |              |          |
|       | 101<br>102<br>103                                    |              |          | Ш  |  |          |  |              |              |          |
|       | 102  |              |          |  | _  | _        |  | _            | _            |          |
|       | 103  |              |          |  | L.   | _        | L.   | L            |              | _        |
|       | 104  |              |          |  | _  |          |  |              |              |          |
|       | 105  |              |          |  |  |          |  |              |              |          |
|       | 106  |              |          |  | Щ  |          |  | ļ            |              |          |
|       | 107  |              |          |  |  |          |  | <u> </u>     |              |          |
|       | 108  | _            |          |  |  |          |  |              |              |          |
|       | 109<br>110   |              |          |  |  | _        |  | $\vdash$     |              |          |
|       | 111  | _            |          |  |  |          |  | $\vdash$     |              |          |
|       | 112  | -            | _        |  | -  |          |  | H            | H            |          |
|       | 112<br>113   | -            |          | $\vdash$   | $\vdash$   |          |  |              | $\vdash$     |          |
|       | 114  |              |          |  | H  | -        | $\vdash$   |              |              |          |
| -     | 115  |              |          | Н  |  |          |  |              |              |          |
|       | 116  |              |          |  |  |          | _  |              |              |          |
|       | 116<br>117<br>118                                    |              |          |  |  |          |  | Г            |              |          |
|       | 118  |              |          |  |  |          |  |              |              |          |
|       | 119  |              |          |  |  |          |  |              |              |          |
|       | 120  |              |          |  |  |          |  |              |              |          |
|       | 121  |              |          |  |  |          | <u> </u>   |              |              |          |
|       | 122  |              |          |  |  | ļ        |  | <u> </u>     |              |          |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127 | L            |          | ļ  | L  | _        | <u>L</u> .                                       |              |              |          |
|       | 124  |              |          | <u> </u>   |  |          | ļ  | _            | L_           | _        |
|       | 125  | _            |          | ļ  | <u> </u>   | _        | <u> </u>   | _            | L_           | <u> </u> |
|       | 126  | -            |          | -  | ┡  |          |  | ⊢            |              |          |
|       | 127  | $\vdash$     |          | -  | ⊢  | <u> </u> | <del> </del>                                     | <del> </del> | $\vdash$     | _        |
|       | 128<br>129<br>130                                    |              | _        | ┝  |  | $\vdash$ | ├  | ├            | -            | -        |
|       | 130  |              |          | -  | $\vdash$   | -        |  | ┝            | <del> </del> | -        |
|       | 131  | $\vdash$     |          | $\vdash$   | $\vdash$   | -        |  |              | H            | _        |
|       | 131<br>132   | $\vdash$     |          | $\vdash$   | H  | H        |  | $\vdash$     | $\vdash$     | <u> </u> |
| -     | 133  |              | _        |  | <del>                                     </del> | Ι        | <del>                                     </del> | H            | $\vdash$     | <u> </u> |
|       | 134  |              |          | <del>                                     </del> |  |          |  |              |              | Т        |
|       | 135  |              |          |  | Г  | Г        | Γ  | _            | Г            |          |
|       | 136  |              |          |  |  |          |  |              | Г            |          |
|       | 136<br>137   |              |          |  |  |          |  |              |              |          |
|       | 138  |              |          |  |  |          |  |              |              |          |
|       | 139  |              |          |  |  |          |  |              |              |          |
|       | 140  | L.           |          | $oxed{oxed}$                                     | $\Box$   | Ш        | L  | _            | <u> </u>     |          |
|       | 141  | _            |          | <u> </u>   | <u> </u>   | <u> </u> | <u> </u>   | _            | <u> </u>     | L_       |
|       | 142  | _            |          |  | _  | L        | <u> </u>   | <u> </u>     | <u> </u>     |          |
|       | 143  | <u> </u>     |          | <u> </u>   | ļ  | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u> |
|       | 144  |              | _        | $\vdash$   | _  |          | ├  | -            | H            | $\vdash$ |
|       | 145  | <del> </del> |          | ├  | <u> </u>   | $\vdash$ | <u> </u>   | -            | <del> </del> | -        |
|       | 146<br>147   | $\vdash$     | $\vdash$ | -  | -  | -        | ├  | -            |              | -        |
|       | 148  | $\vdash$     | _        |  | -  | -        | -  | $\vdash$     | -            | -        |
| _     | 149  | -            | -        | $\vdash$   | -  | $\vdash$ | -  | -            | $\vdash$     | -        |
|       | 150  |              | $\vdash$ | <del> </del>                                     | $\vdash$   | $\vdash$ | ├-   | -            | -            | ⊢        |
|       |  | $\Box$       |          |  |  |          |  |              |              |          |